

CLAIMS

What is claimed:

1. A vaso-occlusive device, comprising:

a member that forms a series of at least four successive loops, each loop
5 of the series having a different axis than, and lying in a separate plane from, any
other loop of the series; and

each plane forming an angle greater than 30 degrees with any
immediately proceeding and any immediately succeeding plane.

10 2. The vaso-occlusive device of claim 1, each plane forming an angle
between 45 and 90 degrees with any immediately proceeding and any
immediately succeeding plane.

3. The vaso-occlusive device of claim 1, each plane perpendicular to any
15 immediately proceeding and any immediately succeeding plane.

4. The vaso-occlusive device of claim 1, wherein the loops are wound in a
clockwise direction.

20 5. The vaso-occlusive device of claim 1, wherein the loops are wound in a
counterclockwise direction.

6. The vaso occlusive device of claim 1, wherein at least one of the loops is wound in a clockwise direction, and at least one of the loops is wound in a counterclockwise direction.

5 7. The vaso-occlusive device of claim 1, each loop comprising a helical form having 0.5 to 3.5 rotations about its axis.

8. The vaso-occlusive device of claim 1, at least one loop comprising an elliptical form.

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9. The vaso-occlusive device of claim 1, at least one loop comprising an oval form.

10. The vaso-occlusive device of claim 1, wherein a pair of successive loops
15 of the series are connected by a linear member.

11. The vaso-occlusive device of claim 1, at least one of the loops having a different geometric form than the other loops.

20 12. The vaso-occlusive device of claim 1, a distal most loop of the series having a diameter smaller than a diameter of an immediately preceding loop.